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(54) Title: ANTI-NLS SUBSTANCES AND USES THEREOF IN NUCLEAR IMPORT INHIBITION

(57) Abstract: The present invention relates to a substance that specifically binds a nuclear localization signal (NLS)-containing molecule. Said substance may be a naturally occurring, synthetic or recombinant antibody, or it may be a protein, a peptide or a small molecule. Preferably, said NLS-containing molecule is a HIV-1 protein, more preferably Vpr or Tat. In addition, the present invention relates to a composition or a vaccine comprising the substance of the invention, as well as methods of inhibiting viral infection through the administration thereof.

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